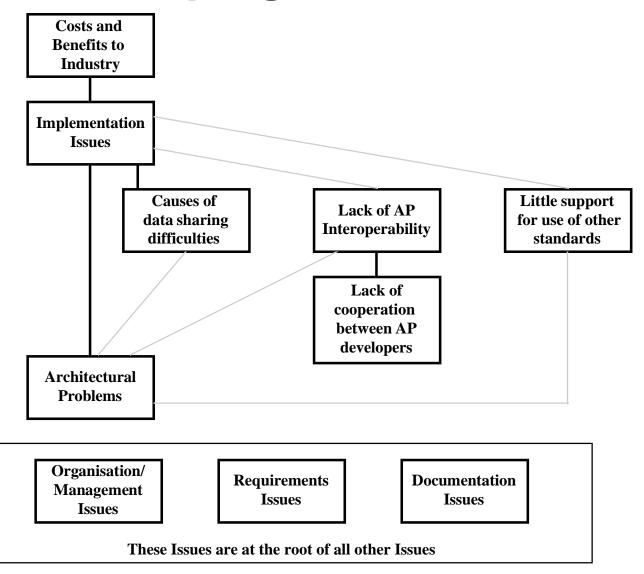
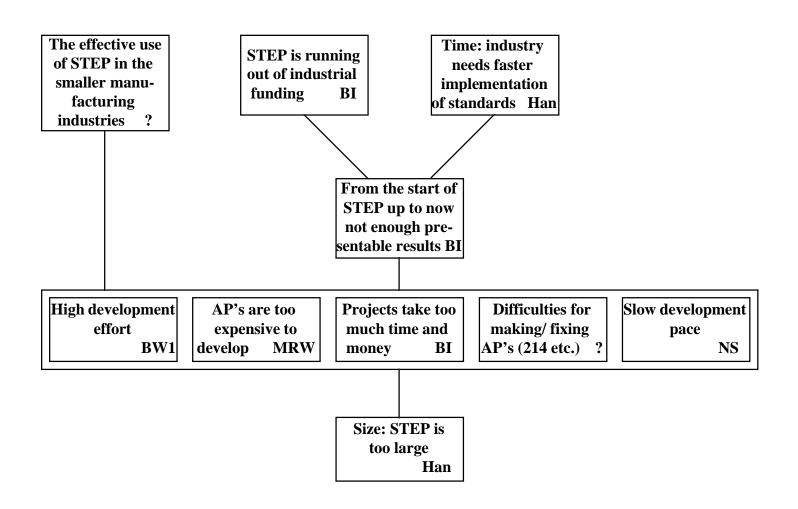
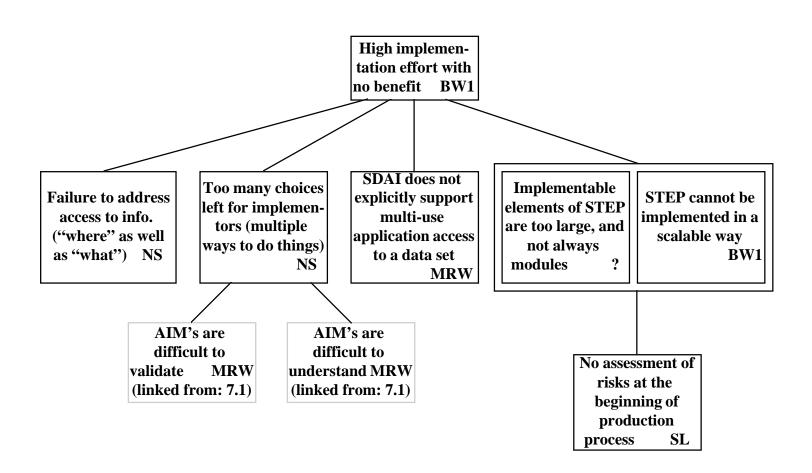
0: Groupings of issues.



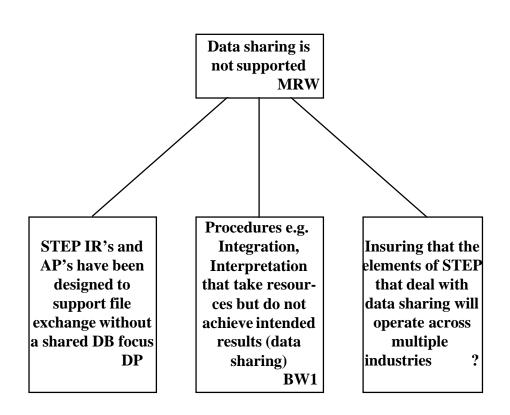
1: Costs & Benefits to Industry.



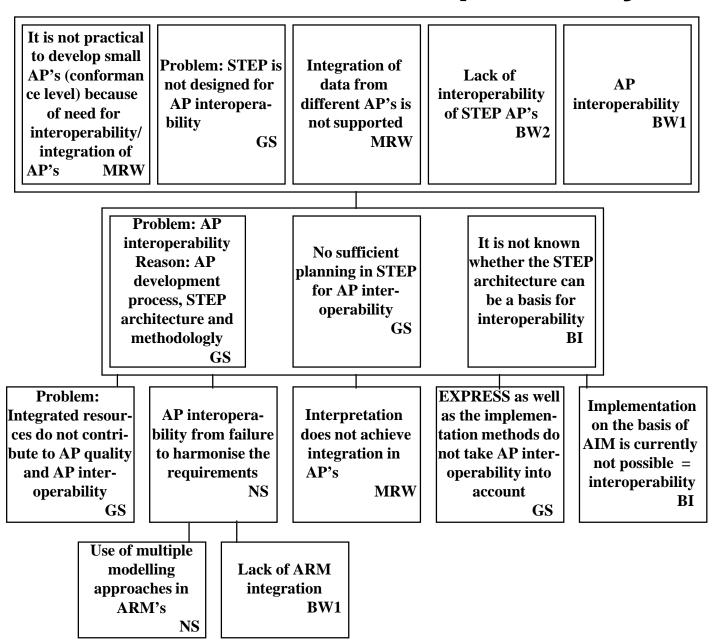
2: Implementation Issues.



3: Causes of data sharing difficulties.



4: Lack of AP Interoperability.



5: Little support for use of other standards.

Cooperative use of standards BW1

Support for the cooperative use of standards is not well defined MRW

Closed standard mentality - not open to other stds. as source of solutions & technology

Closed standard mentality, not open to other stds. as forms of data NS Data constructs defined within Plib's and Mandate are not available for AP development ?

Interoperability between STEP and SGML M. Suzuki

There is no mechanism for the partial integration of other data models so that P21 file covering both can be generated MRW

No overarching architecture for the 3 SC4 standards to interoperate BW2

6: Lack of cooperation between AP developers.

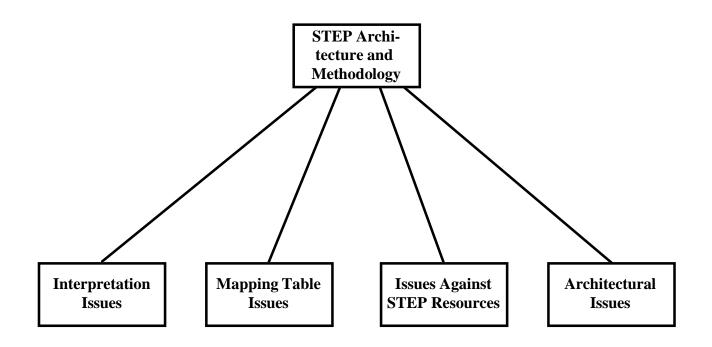
No clear definition of what an AP is - thus resulting in a variety, e.g. 214, 203, 204, 221 etc. BW2

AP driven approach dissuades potential contributors from focussing on developing cooperating sets of AP's via core models, 100's parts etc.

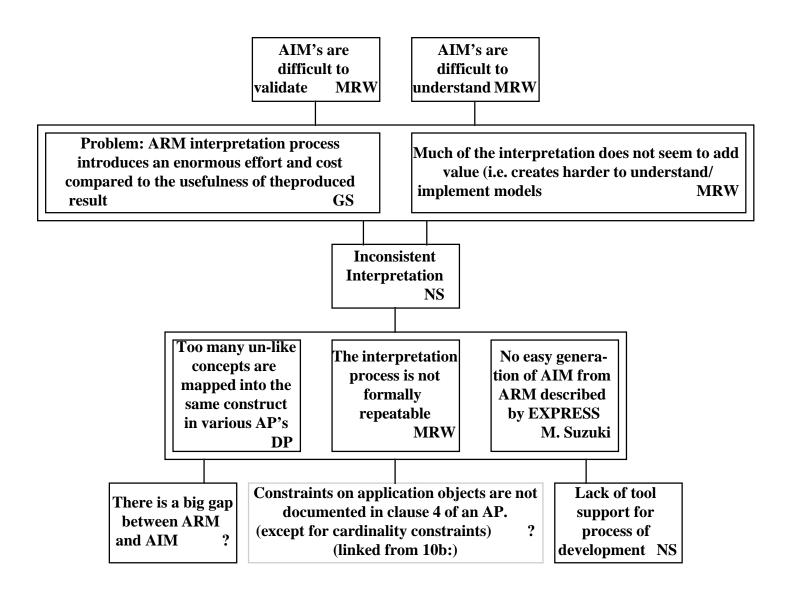
BW2

No organized or logical process to ID AP's i.e. every group defines anything as an AP No neat framework to show where pieces fit in overall lifecycle, business processes etc. [planning models]

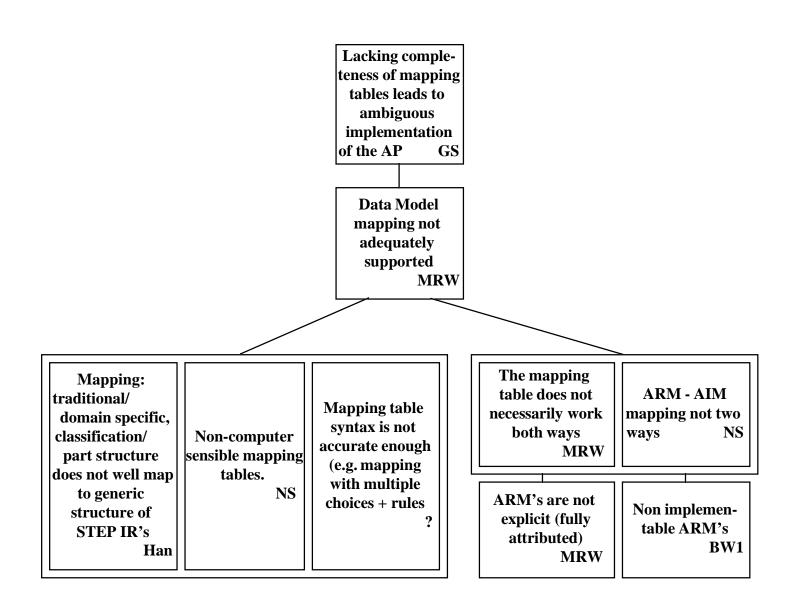
7: Architectural Problems.



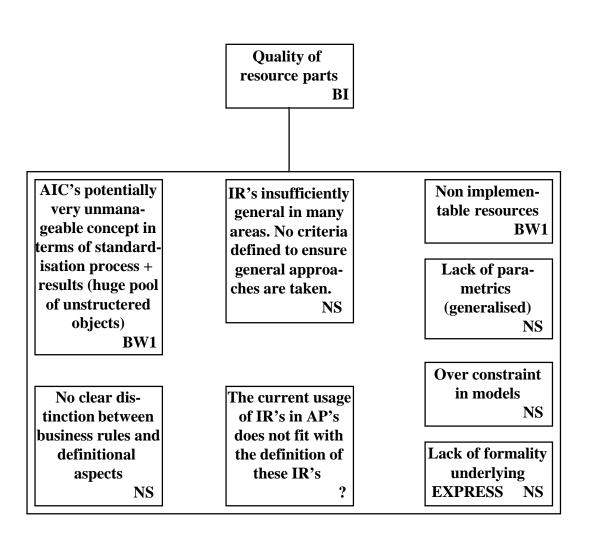
7.1: Interpretation Issues



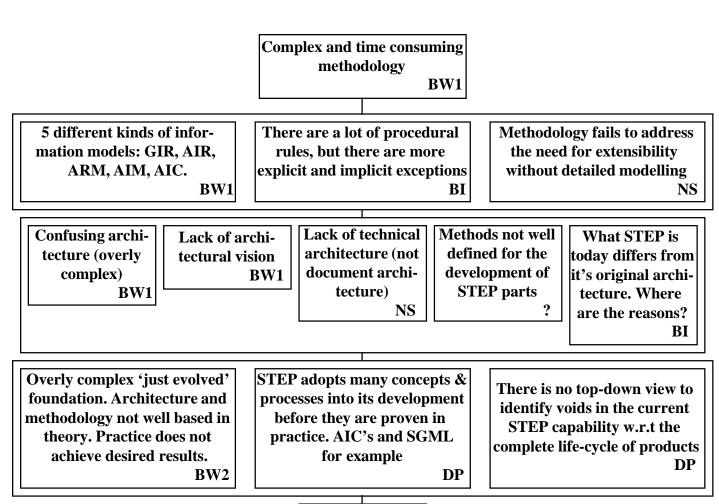
7.2: Mapping Table Issues



7.3: Issues Against STEP Resources.

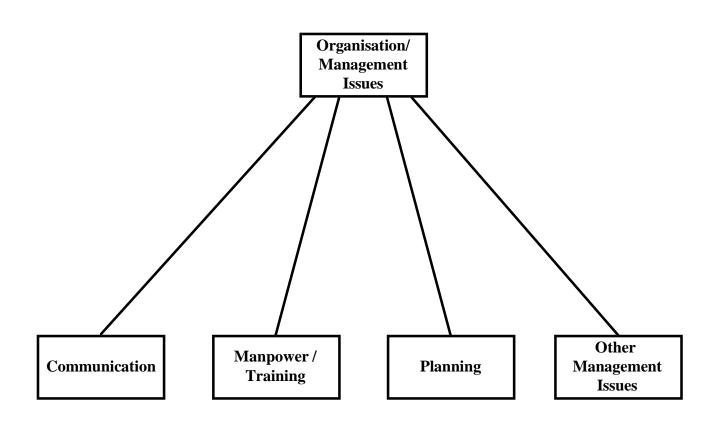


7.4: Architectural Issues.

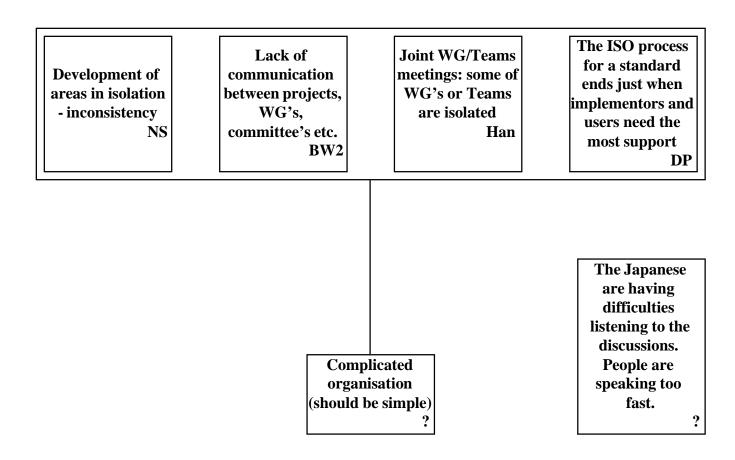


There is no overall conceptual model MRW

8: Organisation / Management Issues.



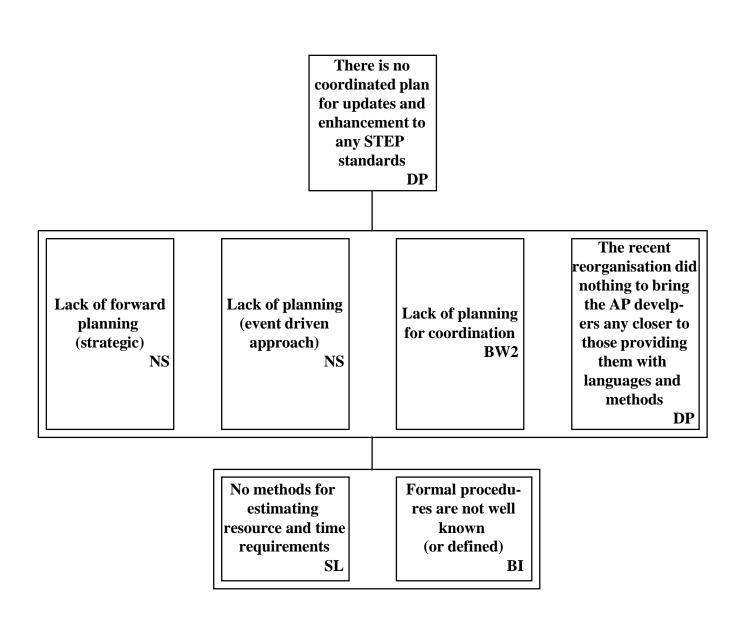
8.1: Communication.



8.2: Manpower / Training.

Does SC4 need Reorganisation is Review of balloted hard. Resolving technical experts Too much effort parts is not as a full time the problems is needed or too few sufficient (e.g. 4 workers? harder than resources (people) persons for For quality, reorganisation ISO 10303-45) to do the work integration, SEDS and requires NS issues, and so on. manpower **Training:** No guidelines, no **Insufficient cross Developing** training on how to countries also group education **Tourists in** use the integrated on areas like have data working meetings resources (IR's) conformance problems. But BI for AP's they do not know testing NS about STEP Han No methods of ensuring peoples competence to carry out various tasks SL

8.3: Planning.



8.4: Other Management Issues.

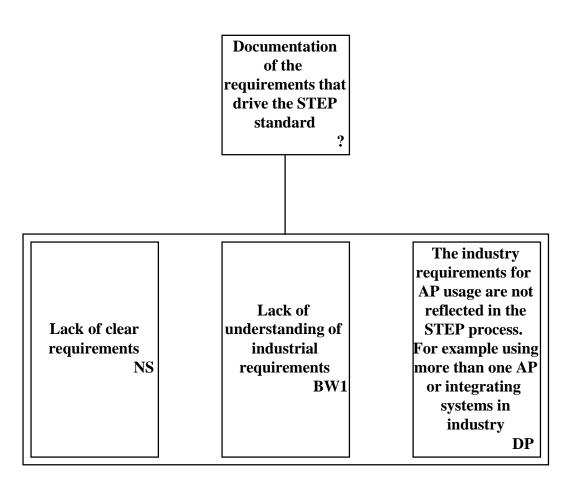
Too much 'retrofit' of quality

NIH syndrome BW2 ISO standards process is too rigid, fails to allow iteration Process of integrating the elements of the STEP standard

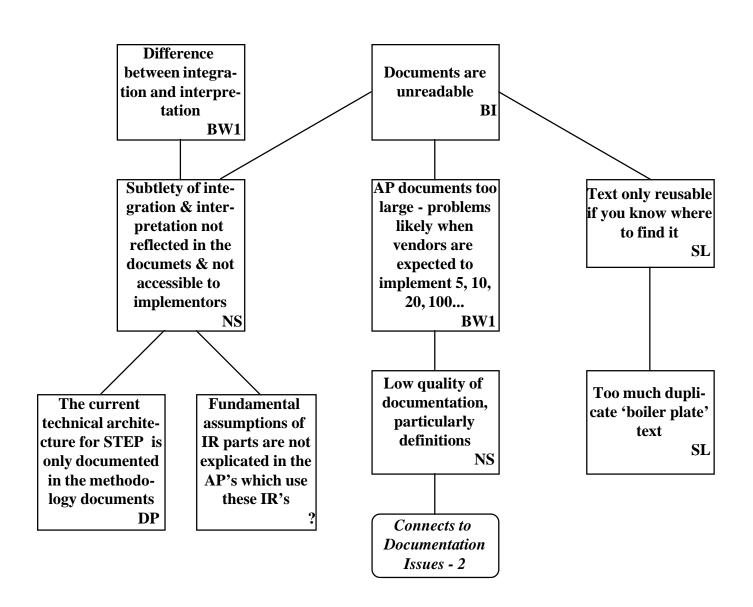
NS

Development muddled up with 'operations' (producing parts) SL No clear budget for each W.I. (who does the funding?) SEDS focus on the symptoms, not the underlying problems GS

9: Requirements Issues.



10a: Documentation Issues - 1.



10b: Documentation Issues - 2.

